## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref # | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|--|---|---------------------|---------|---------------------|
| S130  | 3    | (((depth near cue\$) or attentuat\$) and (alpha or transparen\$ or translucen \$ or opaque or opacit\$) and (volume\$ or frustum) and ((z adj buffer) or depth)).clm.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/12/07<br>08:27 |
| S129  | 0    | (((depth near cue\$) or attentuat\$) and (alpha or transparen\$ or translucen \$ or opaque or opacit\$) and (volume\$ or frustum) and back\$6 and clip\$ and (plane or planar) and viewpoint and (organiz\$ or sort\$) and ((z adj buffer) or depth) and color).clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/12/07<br>08:27 |
| S128  | 1    | S127 and ((depth near cue\$) or attentuat\$)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/12/07<br>08:17 |
| S127  | 13   | levoy-mar\$.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/12/07<br>08:17 |
| S126  | 1    | S123 and (scale near<br>factor) and (alpha or<br>transparen\$ or translucen<br>\$ or opaque or opacit\$)<br>and (vertex\$ or vertice\$)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/12/07<br>07:59 |
| S125  | 1    | S123 and (scale near<br>factor) and (alpha or<br>transparen\$ or translucen<br>\$ or opaque or opacit\$)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/12/07<br>07:58 |

| S124 | 1  | S123 and (scale near<br>factor)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/07<br>07:56 |
|------|----|--|---|----|----|---------------------|
| S123 | 1  | (US-5704025-\$).did.   | USPAT   | OR | ON | 2009/12/07<br>07:56 |
| S122 | 2  | S121 and ((depth near cue\$) same (vertex\$ or vertice\$) same (alpha or transparen\$ or translucen \$ or opaque or opacit\$))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/07<br>07:53 |
| S121 | 38 | (US-20030011618-\$ or US-20020093516-\$ or US-20020093516-\$ or US-20010028352-\$ or US-20010033287-\$).did. or (US-5764231-\$ or US-5704025-\$ or US-5519823-\$ or US-5764228-\$ or US-5990904-\$ or US-5886701-\$ or US-6038031-\$ or US-6038031-\$ or US-6388671-\$ or US-5368033-\$ or US-6388671-\$ or US-6388671-\$ or US-638033-\$ or US-640682-\$ or US-6266068-\$ or US-6266068-\$ or US-5598516-\$ or US-5598516-\$ or US-55947823-\$ or US-6417861-\$ or US-6424343-\$ or US-6424343-\$ or US-6424343-\$ or US-6489956-\$).did. or (US-6496187-\$ or US-6525723-\$ or US-66717578-\$ or US-6734850-\$).did. or (US-20030011618-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT  | OR | ON | 2009/12/07          |

| S120 | 12     | (((depth near cue\$) or<br>attentuat\$) and (alpha or<br>transparen\$ or translucen<br>\$ or opaque or opacit\$)<br>and ((z adj buffer) or<br>depth)).clm.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/07<br>07:51 |
|------|--------|---|---|----|----|---------------------|
| S119 | 7      | S118 and ((depth near<br>cue\$) same weigh\$4<br>same (depth or "z"))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/06<br>16:00 |
| S118 | 187464 | ("345"/\$.ccls. or "382"/\$.<br>ccls.)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/06<br>15:59 |
| S117 | 0      | S115 and deering\$.in.<br>and (weigh\$4 with (vertex<br>\$ or vertice\$))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/06<br>15:58 |
| S116 | 14     | S115 and deering\$.in.<br>and weigh\$4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/06<br>15:57 |
| S115 | 38     | (US-20030011618-\$ or US-20020093516-\$ or US-20010028352-\$ or US-20010033287-\$).did. or (US-5764231-\$ or US-5704025-\$ or US-5519823-\$ or US-55990904-\$ or US-5886701-\$ or US-6038031-\$ or US-6038031-\$ or US-6388671-\$ or US-6388671-\$ or US-6388671-\$ or US-638033-\$ or US-638033-\$ or US-638033-\$ or US-5368033-\$ or US-6891544-\$ or US-6807620-\$ or US-6266068-\$ or US-5598516-\$ or US-5598716-\$ or US-5947823-\$ or US-5947823-\$ or US-5947823-\$ or US- | US-PGPUB;<br>USPAT;<br>DERWENT  | OR | ON | 2009/12/06          |

|      |     | 6116244-\$ or US-6417861-\$ or US-6424343-\$ or US-6466206-\$ or US-6483504-\$ or US-6489956-\$).did. or (US-6496187-\$ or US-6496186-\$ or US-6525723-\$ or US-6674430-\$ or US-6717578-\$ or US-6734850-\$).did. or (US-20030011618-\$).did. |   |    |     |                     |
|------|-----|--|---|----|-----|---------------------|
| S114 | 1   | ("6734850").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/12/06<br>15:55 |
| S110 | 73  | S108 or S109   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/12/05<br>21:51 |
| S109 | 8   | ("5237650"   "5287436").<br>PN. OR ("5704025").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/12/05<br>21:51 |
| S108 | 67  | ("5159665"   "5220650"  <br>"5293480"   "5307449").<br>PN. OR ("5440682").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/12/05<br>21:51 |
| S107 | 4   | (depth near cue\$3 near<br>scal\$3 near factor)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/12/05<br>20:28 |
| S106 | 16  | S95 and S104   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/12/05<br>20:12 |
| S105 | 258 | S95 and S103   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/12/05<br>20:12 |
| S104 | 24  | ((((depth near cue\$) or<br>(atmospher\$ near<br>attenuat\$)) same (alpha<br>or transparen\$ or<br>translucen\$ or opaque or<br>opacit\$) same (z adj<br>buffer))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/12/05<br>20:11 |

| S103 | 364    | (((depth near cue\$) or<br>(atmospher\$ near<br>attenuat\$)) same (alpha<br>or transparen\$ or<br>translucen\$ or opaque or<br>opacit\$)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/05<br>20:11 |
|------|--------|---|---|----|----|---------------------|
| S102 | 9      | S94 and (alpha or<br>transparen\$ or translucen<br>\$ or opaque or opacit\$)<br>and color   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/05<br>19:07 |
| S101 | 0      | \$94 and (depth near cue<br>\$) and volume\$ and<br>(alpha or transparen\$ or<br>translucen\$ or opaque or<br>opacit\$)                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/05<br>19:07 |
| S100 | 0      | S99 and (alpha or<br>transparen\$ or translucen<br>\$ or opaque or opacit\$)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/05<br>19:06 |
| S99  | 1      | (US-5598516-\$).did.  | USPAT   | OR | ON | 2009/12/05<br>18:57 |
| S98  | 7      | S97 and S95   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/05<br>18:38 |
| S97  | 38     | S96 same weigh\$3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/05<br>18:38 |
| S96  | 2097   | ((depth near cue\$) or<br>(atmospher\$ near<br>attenuat\$))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/05<br>18:29 |
| S95  | 187464 | ("345"/\$.ccls. or "382"/\$.<br>ccls.)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/05<br>18:28 |

| S94         | 1000 | (NAKAGAWA-JUN\$.in.)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/12/05<br>18:27 |
|-------------|------|--|---|----|-----|---------------------|
| S93         | 7    | ("20020015055"  <br>"5757385"   "5867166"  <br>"5986659"   "5999189"  <br>"6016150"   "7133041").<br>PN. OR ("7310098").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/12/05<br>16:27 |
| S92         | 1    | ("7310098").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/12/05<br>16:27 |
| S91         | 10   | ("5452408"   "5517603").<br>PN. OR ("5598516").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/12/05<br>15:47 |
| S90         | 9    | ("5598516" "5947823"<br>"6064395" "6100895"<br>"4866637" "5237650"<br>"5368033" "5704025"<br>"6501470" ).pn.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/12/05<br>15:38 |
| <b>S</b> 89 | 50   | ("5598516" "5947823" "6064395" "6100895" "4866637" "5237650" "5368033" "5704025" "6501470" "4695953" "5020111" "6174234" "6401050" "7345478" "20080018332" "20080080743" "4855938" "5043922" "5249264" "5339386" "5359704" "5471567" "5720020" "5953014" "6184891" "6204876" "6226003" "6252608" "6266068" "6268862" "6384822" "6400850" "6456283" "6603474" "6677939" "6686915" "7199793" "7327361" "20020154135" "20030048266" "20030179198" "20040095357" "20050219239" "20050237323" "20080079719" "20080094395" "20080094395" "20080303812" "20080303812" "20090079728" ).pn. | US-PGPUB;<br>USPAT  | OR | ON  | 2009/12/05          |

| <br>S85 | 1 | ("6266068").PN. | US-PGPUB; | OR | OFF | 2009/12/02 |
|---------|---|-----------------|-----------|----|-----|------------|
|         |   |                 | USPAT     |    |     | 18:30      |

## **EAST Search History (Interference)**

| Ref # | Hits | Search Query  | DBs               | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-------------------|------------------|---------|------------------|
| S132  | 0    | (((depth near cue\$) or<br>attentuat\$) and (alpha or<br>transparen\$ or translucen<br>\$ or opaque or opacit\$)<br>and (volume\$ or<br>frustum) and ((z adj<br>buffer) or depth)).clm. | US-PGPUB;<br>UPAD | OR               | ON      | 2009/12/07 08:28 |
| S131  | 0    |   | US-PGPUB;<br>UPAD | OR               | S<br>S  | 2009/12/07 08:26 |
| S113  | 3    |   | US-PGPUB;<br>UPAD | OR               | ON      | 2009/12/05 19:06 |
| S112  | 0    | S111 and (depth near cue<br>\$) and volume\$ and<br>(alpha or transparen\$ or<br>translucen\$ or opaque or<br>opacit\$)   | US-PGPUB;<br>UPAD | OR               | ON      | 2009/12/05 19:06 |
| S111  | 32   | (NAKAGAWA-JUN\$.in.)  | US-PGPUB;<br>UPAD | OR               | ON      | 2009/12/05 18:06 |

## 12/7/09 10:42:16 AM

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